Advanced

Axis AX

The Worldwide Fire System
ANSI/UL 864 9th Edition

14 years. 60 countries. Still Advanced.

Advanced

Renowned for our product quality, ease-of-use and performance, Advanced supplies its Axis AX fire system to countries across the globe. Now we've launched a new brand that reflects our global reach.

To everyone that has helped Advanced become a global success: We thank you and we promise that delivering you the best product and the best service remains our only goal now and in the future.

The Standard in Fire Systems

Advanced

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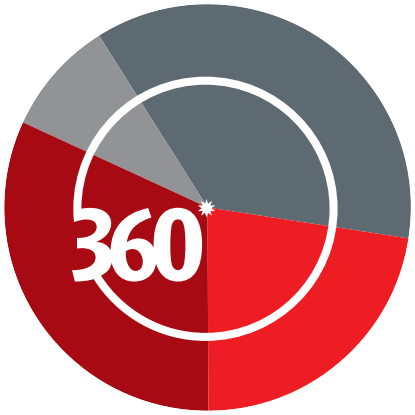
The Standard in Fire Systems



Manufacturing and Quality

Admin

Customer Service and Support

R&D

Advanced is known all over the world for making the best quality, best performing fire systems.

We design 'easy' into our products. We make it easy to set up a one panel system or a complicated 200 panel network. We make our software intuitive. We deliver fast, accessible support, training and service. Above all, we make it easy to rely on an Advanced system.

Fire Systems are in our DNA. Our people are among the most talented and experienced in the fire systems business. We train talented engineers and technicians every year. 25% of our business is dedicated to R&D. Our knowledge is unmatched, anywhere in the world and we're determined to keep it there.

Our systems are protecting people and property in over 60 countries world wide, in many of the most prestigious and challenging locations. We realize our growth comes from the strongest customer relationships. We stay friendly, flexible and reactive to your requirements and our customer service is consistently rated excellent.

We manufacture all of our panels to demanding quality standards and hold global approvals. We enjoy full ISO 9001 compliance across manufacturing and design.

Welcome to the world of Advanced

Axis[AX] The Worldwide Fire System

The Professional Choice

Axis AX is our solution for customers demanding a high performance UL 864 based fire protection system.

Axis AX is built on 14 years of leadership in the intelligent fire systems market. It is widely installed across the globe in some of the most challenging and prestigious locations.

Axis AX is a complete system of high performance fire panels, audio systems, command centers and high performance devices.

At its core are intelligent single and multi-loop networkable fire alarm control panels with a complete range of intelligent loop devices, extensive peripherals, NAC and conventional devices.

Axis AX includes multi-channel audio with messages built into each node and synchronization of audio and NAC devices per panel across the network, with complete system redundancy.

It offers multiple command center performance, telephones, smoke and fan control, mass notification, graphical control and BMS interfacing.

Axis AX is designed to go anywhere you need high quality, reliable and easy to use fire detection and control, from mass transportation and industrial complexes to landmark developments, historic buildings and public services.

Axis AX

High Performance Panels

Axis AX control panels provide a unique scalable platform that can expand upwards or downwards to suit virtually any application.

Axis AX is the result of decades of fire alarm and detection experience gained from installations across the globe, involving architects, engineers, consultants, end users and fire authorities.

Axis AX panels have been designed to offer more power and performance in a user friendly format. Axis AX packs in more configuration, control and interface options than any comparable Advanced panel. Multiple advanced features mean it will maintain its performance advantages for years to come.

All of the intelligent fire alarm control panels in the AX series consist of identical electronic modules and can be programed from a laptop PC configuration tool. Axis AX's features have been proven to sharply reduce installation time, help identify wiring and programming errors, provide local and remote system diagnostics as well as providing exceptional fire detection without nuisance alarms.

Every Axis AX panel features Advanced's unbeatable networking capabilities and Dynamix Tools fire panel software making it easy to use, configure and maintain, from the smallest to the largest of sites and with complicated cause-and effect.

Features

- 1, 2,or 4 loop formats
- Each 500mA digital signaling line circuit supports up to 126 intelligent devices
- 1,000 Fire Zones when networked or 200 per panel
- Easy, high performance networking (up to 200 nodes)
- Status monitoring from any panel or annunciator
- True peer to peer networking Style 4 or 7, wire or fiber
- Individual node configurable event reporting and control
- Comprehensive network diagnostics
- Compatible with all of the AX series peripherals including annunciators, relay modules, I/O modules, power supplies, internal and portable printers, network modules, LED/ switch modules, conventional zone module, modem, RS232, amplifiers, DACT and more
- SLC wiring can be shielded or non shielded
- Smoke detectors, sounder bases, open area sounders and beacons can be powered from SLC without need for a separate 24V supply
- Superb noise immunity and emissions
- Regulated loop voltage sustained during AC loss
- 2 or 4 voltage regulated NACs compatible with most listed NAC devices
- Two Amp current limit per NAC with alerts on panel or via email if limit exceeded
- Panel includes large 240x60 backlit LED with Advanced's simple navigation and programming
- Unique, built-in voltage and current meters for easy diagnostics can be viewed on panel or remotely
- Unique auto-test of battery cell integrity
- USB or RS232 interface for programming/panel monitoring
- Remote access and control via ipGateway or Virtual Panel tools
- 100% digital communications on the SLC to all intelligent smoke detectors and I/O modules
- Fast response and superior rejection of unwanted RF noise.
- Multi-sensor programming options allow for supervisory pre-alarm upon programmable smoke obscuration and fire alarm upon programmable temperature fixed or rate of rise.
- Fully integrated 40/80 Watt digital audio options
- Advanced's simple select and click programming and configuration
- Autolearn and Loop detection
- Quick start and protect - a working system after an Autolearn is performed

Axis AX

Axis AX - 1 Loop

- 1 SLC loop - Class A (Style 6,7) or Class B (Style 4)
- 126 addressable intelligent points
- Available in compact and standard size enclosures
- 2 x 2 Amp Class A (Style Z) or Class B (Style Y) programmable NAC circuits
- 3 x on board relays. 1 Trouble, 2 programmable
- System keys for Reset, ACK, Silence, Resound & Drill
- 3 freely programmable system keys
- 19 on board LED indicators, 5 of which are freely programmable

Axis AX - 2 Loop

- 2 SLC loops - Class A (Style 6,7) or Class B (Style 4)
- 252 Intelligent addressable points
- 2 x 2 Amp Class A (Style Z) or Class B (Style Y) programmable NAC circuits as standard, expandable to a total of 4 NAC circuits, 2 Amp each
- 3 x on board relays. 1 Trouble, 2 programmable
- System keys for Reset, ACK, Silence, Resound & Drill
- 3 freely programmable system keys
- 19 on board LED indicators, 5 of which are freely programmable
- 5 to 10 Amp system power

Axis AX - 4 Loop

- 4 SLC loops - Class A (Style 6,7) or Class B (Style 4)
- 504 intelligent addressable points
- 2 x 2 Amp Class A (Style Z) or Class B (Style Y) programmable NAC circuits as standard, expandable to a total of 4 NAC circuits, 2 Amp each
- 3 x on board relays. 1 Trouble, 2 programmable
- System keys for Reset, ACK, Silence, Resound & Drill
- 3 freely programmable system keys
- 19 on board LED indicators, 5 of which are freely programmable
- 5 to 10 Amp system power

Axis AX - Remote Annunciators

- Style 4 or Style 7 network interface
- C version has annunciation and programmable control
- D version annunciation only
- On board USB programming port
- Peer to peer, cross node operation
- Monitored external Trouble input
- Info displayed fully configurable to any combination of Fires, Troubles, Supervisory or other alarms
- Both models include programmable status LEDs
- Model ANN-C provides 3 freely programmable function keys
- Optional tamper proof and weather proof enclosures
- Surface or flush mount

Axis AX - Redundant Controller

Provides complete, fully redundant fire panel in 'hot stand by'. Ideal for high risk, high security applications, such as government, military, high rise and industrial facilities when a fail safe/redundant fire system is essential.

- Module constantly monitors integrity of both standard and hot stand by fire panels, including power supplies and micro processors
- Automatic or manual switch over to 'hot backup'
- Status LED indicators
- Controller module may be isolated in separate metal or 19" rack mount enclosure

Axis AX - Peripherals

The Axis AX fire alarm control panels may be customized to suit virtually any application. Axis AX peripherals include:

- Integrated and/or networked audio options (see following pages)
- Conventional Zone Module (8 Class A or 4 Class A) - up to 16 modules per panel
- 4 or 8 Way high current relay modules
- Dual NAC Expander
- Style 4 & Style 7 network modules
- Fiber optic network converter module
- 48 Way I/O Switch/LED Driver
- Panel mounted printer
- 16 Way switch/48 LED module
- Modem module

Axis AX

Integrated Audio and Firefighter Telephones

Axis AX comes ready for complete audio configuration. With the addition of an Advanced audio module (AV-AMP-80), any Axis AX control panel or Command Center becomes fully audio capable.

A variety of fire fighter telephones and telephone accessories are compatible with all Axis AX Command Center panels. Addressable telephones make control, supervision and identification superior to older technological solutions. Command Centers come with easy to operate "telephone switchboard" monitoring and control displays.

Audio Booster

- Easy and fast configuration with Dynamix Tools audio configuration wizard
- Designed to be used with any Axis AX panel or Command Center
- Provides increased digital audio signaling during an emergency situation
- Multiple boosters can be wired on a system and can emit their own individual messages or amplify messages from a fire panel
- Meets total wattage requirements via true distributed audio
- 2 independent 40 W @ 25Vrms amplifiers
- 16 channel digital message/tone generator
- Unique amplifier booster/cascading option
- Superb sound quality
- Simple programming via USB
- Two (2) Class "A" or "B" speaker circuits
- External AC Power and Trouble LEDs
- Internal service diagnostic and status indicators
- Optional one-to-one amplifier backup capability
- Controlled by RS-485 communications bus and/or 3 prioritized relay trigger inputs
- Powerful CBE logic programming

Zone Splitter

- Fits Axis AX Command Center or Audio panel
- Used with Audio Module
- 2 input/output options
- 1 input split into 4 outputs (total 40W)
- 2 inputs split in 2x2 outputs (total 80W)

Audio Panel

- Fully featured Axis AX Audio panel
- Built-in live voice paging microphone
- Manual message activate switches
- Two (2) Class "A" or "B" speaker circuits
- AC power on, amplifier and PSU and Trouble LEDs
- Internal service diagnostic and status indicators
- USB interface for message/ tone programming
- Optional one-to-one amplifier backup capability
- Three prioritized relay trigger inputs

Axis AX Audio Module

- 2 independent audio amplifiers
- Class A or B audio circuits
- 16 channel digital message generator
- Two 40 watt (25V) RMS outputs
- Unique amplifier cascading option
- Isolated RS-485 interface
- Freely programmable CBE logic
- Auto one-to-one backup
- Microphone input
- Three programmable external trigger inputs
- Factory or customer fitted

70 Volt Converter Module

- Compatible with Axis AX Audio Booster, Audio Panel, Integrated Audio panels and Command Centers
- Converts single or dual 25 Vrms audio output to 70 Vrms audio signal
- All wiring is fully supervised
- Ideal for retrofit applications

Command Center Firefighter Phone

- Compatible with Axis AX Command Centers
- Compatible with single or 6 Riser module
- Class A or B Riser
- Fully supervised
- Easy installation
- Supports up to 210 field phones

Fire Fighter Telephone
Complete cabinet including:

- Firefighter telephone
- Addressable Firefighter Phone Handset Interface
- Door options: magnetic, keylock or warden station
- Standard or coil cord phone cable

6 Way Telephone Riser Module

- 6 independent, fully supervised, audio riser circuits
- Supports combinations of up to 35 firefighter phones and/or telephone jacks per riser (210 in total)
- Up to 5 telephones per riser may be active simultaneously
- Easy to configure with Dynamix Tools telephone wizard
- May be located remotely in separate enclosure or integrated into Command Center enclosure
- Supports Fire Warden remote paging feature
- On board phone line active and trouble LEDs

Addressable Telephone Jack

- Individually addressable telephone jacks
- Phone active LED indicator
- Telephone riser supervision
- Supervises against opens, shorts and grounds
- Class A or B configuration
- Mounts to single gang electrical box
- Field programmable buzzer and LED indicators
- Five phone 'party line' communications
- Up to 35 per telephone riser
- Slide in label

Portable Fire Fighter Phone Handset

- Used with any Axis AX Addressable Telephone Jack
- High impact plastic
- Tip and sleeve connection
- Built-in noise filter
- Lightweight

Remote Microphone

- Interfaces to all Axis AX Integrated Audio panels and Command Centers
- Surface mount or semiflush mounting
- All field wiring is fully supervised
- Power and trouble LED indicators

Axis AX

Command Centers

Axis AX Command Centers are built on the backbone of our Axis intelligent fire panels to support a wide variety of configurations and applications.

Command Centers can be configured in the factory or, as all elements are individually approved, supplied in modular format for easy expansion and customization. All of our Command Centers are fully compatible with Axis AX audio and telephone options. Command centers can be configured for master control or peer-to-peer. Master control mode allows only one command center to manually operate audio and main system control functions. Advanced's Riser 6 Audio Module can be mounted inside the command center or remotely for added security.

Axis AX Command Centers

- Order fully factory configured or in modular format for configuration on installation
- 1, 2 or 4 Loops
- 126, 252 or 504 addressable points

2 Cabinet sizes

- 2 cabinet sizes (3x3 and 3x5)

Network Nodes:

- Digital Communicator – only one required for 200 node network
- IP Gateway – only one required for 200 node network
- AX-BMS Module – provides interface to Building Automation System
- Ad-View Graphics
- AX-DGP – data gathering panel
- AX-LOC – Local Operating Console
- AES Long Range Radio
- Smoke Control Panel
- Graphic Annunciator(s)
- AX-VB Distributed Audio Panels

Key features:

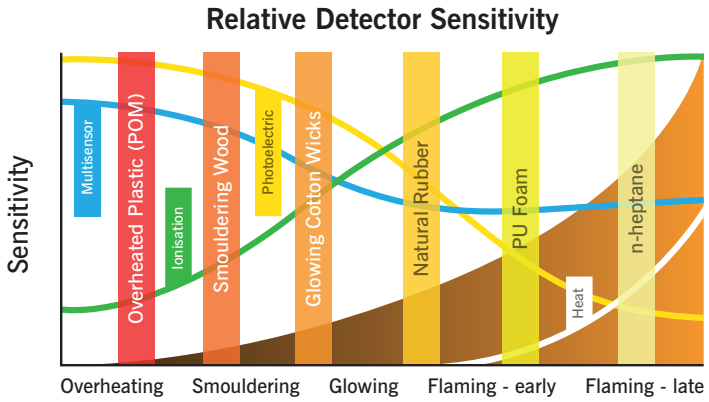
- Synchronization of audio and strobes across entire 200 node network
- Failsafe operation if loss of master Command Center
- Supports multiple "true peer to peer" Command Center operations
- Intuitive and easy for fire fighters to operate
- Audio confirmation LEDs indicate when speaker zones are active
- All Call, Page Evacuate, Page Alert & Page Inactive and Selective Paging features
- Manual activation of any message to any zone or group of zones
- No performance degradation as the number of network nodes expands
- Fan and smoke controls
- Mass Notification and non fire "Warning" Options
- Built-in telephone switchboard
- Dynamix Tools wizard provides default telephone and audio options making set-up easy and fast
- Powerful control-by-event programming with intelligent system test facilities provides superior system diagnostic and test functions
- Built-in network, AC power, aux power, battery and field wiring diagnostics
- Color coded slide in labels with large text to identify system functions
- Fire warden page
- PAS, 2-Stage and Alarm Verification
- Zone and Point Disable/Enable
- 1,000 system zones

Axis AX

Intelligent Detectors and Loop Powered Intelligent Devices

All Advanced Intelligent Detectors and Loop Powered devices come with a 10 year warranty.

- Built in automatic drift compensation that will maintain the detector's sensitivity at a constant level even with severe chamber contamination.
- Drift compensation values are stored in the head, not the fire panel, and remain there even if power is removed from the head.
- 5 programmable sensitivity settings.
- Built in periodic test facility that meets NFPA requirements.
- Programmable maintenance alert and dirty detector warning
- All PCBs conformal coated to protect against corrosion
- Patented XPerT address setting in the base protects against common errors that occur during servicing. Insures match between the base and type of detector as well as correct sensitivity setting.
- Superior false alarm immunity
- Dual red LEDs, with 360 degree view, indicate polling and alarm activation.
- High speed digital communications provide rejection of common ambient RF noise
- Low profile
- Resilient plastic (94 V0) that will not discolor over time



Sensors & Bases

Photoelectric Smoke Detector

- Incorporates an IR (infrared) LED and photo diode
- Ideal for slow burning or smoldering fires (particles >.3 microns)
- Ten 7-day response sensitivity mode timers
- Sub-addressing of ancillary functions

EZ Fit Detector Base

- Compatible with 4" square or octagonal electrical boxes
- Fast and Easy to install
- Supports Patented XPerT addressing
- Device address setting readily visible once installed
- In-Out and LED output terminals support 14 gauge solid wire
- Dedicated terminal for shielded cable

Ionization Smoke Detector

- Incorporates an ionization chamber design using Americium 241
- Ideal for fast burning, high energy, flaming fires (particles <0.01 microns)
- Ten 7-day response sensitivity mode timers
- Sub-addressing of ancillary functions

Enhanced Combination Sounder Beacon Base

- 15 tone and 7 volume settings
- Available with red or amber beacon
- Built-in synchronisation (audible and flash)
- Integral self-test features
- Individual or group addressing
- Beacon flash rate of once per second
- "One-way-only" detector insertion
- Base to detector locking mechanism

MultiSensor (Smoke & Heat)

- Incorporates both an IR sensor and thermal sensor
- Ideal as a general purpose sensor that responds well to a wide range of smoke/fire types
- Independent signals from each sensor
- Signals processed according to the response/sensitivity mode selected
- Ideal for giving supervisory warning for low levels of smoke detectors and full fire alarm due to rate of rise in temperature
- Ten 7-day response sensitivity mode timers
- Sub-addressing of ancillary functions

Combination Sounder Beacon Base

- Drastically reduces installation costs
- Programmable volume settings
- Built-in synchronization (audible & flash)
- Integral self-test features
- Individual or group addressing
- Highly visible alarm status indicator

Heat Detector

- Incorporates a single open air thermistor bead
- 135° to 200°F static/ rate of rise sensor
- Ten 7-day response sensitivity mode timers
- Sub-addressing of ancillary functions

Loop Isolator & Isolating Detector Base

- Short-circuit isolation
- Meets NFPA Style 7 requirements
- In-out terminals for ease of wiring
- Dedicated terminal for shielded cable
- Built-in short circuit yellow LED Indicator
- 3" or 4" square or octagonal electrical box mount
- "One-way-only" detector insertion
- Base to detector locking mechanism

CO Detector

- Combination CO detector and sounder base
- Supports Photo, Ion, Multi and Heat detectors
- Temporal 3 for smoke alarm, temporal 4 for CO alarm (85dB)
- Integral test button
- Sync module available or sync off panel NAC circuit
- Detects 4 levels of carbon monoxide: 50 (OSHA IAQ), 70, 140 and 200 parts per million
- Easily replaceable CO detector
- 6 year life

Beacons & Sounders

Beacon

- Available in red, amber or clear
- Lens uses high intensity LED
- Available in outdoor configuration
- 1 Hz flash rate
- Built-in synchronization
- Integral self-check feature
- Wide angle of visibility
- Beacon flash rate of once per second
- "One-way-only" detector insertion
- Base to detector locking mechanism

Open Area Sounder/ Beacon

- Steady or temporal signaling
- Available in red or white
- Available in outdoor configuration
- Drastically reduces installation costs
- Programmable volume settings
- Built-in device isolation wiring
- Separate sounder base with drillable knockouts
- Two programmable tones and volume settings
- Continuous 2900 Hz tone Vols: Low 70.6 dB, High 79.1 dB
- ANSI temporal 2900 Hz tone Vols: Low 67.8 dB, High 75.3 dB
- Synchronization of Alert and Evacuation tones
- Individual and group addressing
- Unique integral self-test
- Security locking tab

Pull Stations

Manual Single/Dual Action Pull Station

- Single or dual action
- Low profile, high visibility design
- Visual indication of activation including red status LED
- Integrated Form C relay contact
- Surface or semi-flush mountable
- Available in special application colors
- key-lock for reset
- Die-cast metal construction

Dual Action Polycarbonate Pull Station

- Low profile, high visibility design
- Visual indication of activation including red status LED
- Internal access without alarm activation
- Lock reset
- Surface or semi-flush mountable
- Captive screw terminals

Intelligent Modules

Switch Monitor Modules

- Class A (Style D) or Class B (Style B) wiring
- Flexible device type programming
- Optional priority interrupt
- 8 position addressable DIP switch
- Integral status LED
- 4" or 2-gang electrical box mounting
- Following options available:
  - Isolator Module
  - Mini Switch Monitor Module
  - Mini Priority Switch Monitor Module
  - Priority Switch Monitor Module
  - Dual Priority Switch Monitor Module

Input/Output Module

- Supervised initiating device circuit (IDC)
- Class A (Style D) or Class B (Style B) wiring
- Independently controlled Form-C relay contact
- Dynamix I/O relationship programming
- IDC activation status LED
- Optically isolated voltage input
- SLC powered and sub-addressable
- 4" or 2" electrical box mounting

120V Output Module

- Supervised initiating device
- Class A (Style D) or Class B (Style B) wiring
- Independently controlled 120VAC/30VDC relay contact
- Dynamic I/O relationship programming
- IDC activation status LED

Dual Priority Switch Monitor

- 2x Supervised initiating circuits (IDC)
- Dedicated IDC activation status LEDs
- Class A (Style D) or Class B (Style B) wiring
- 4" or 2" electrical box mounting

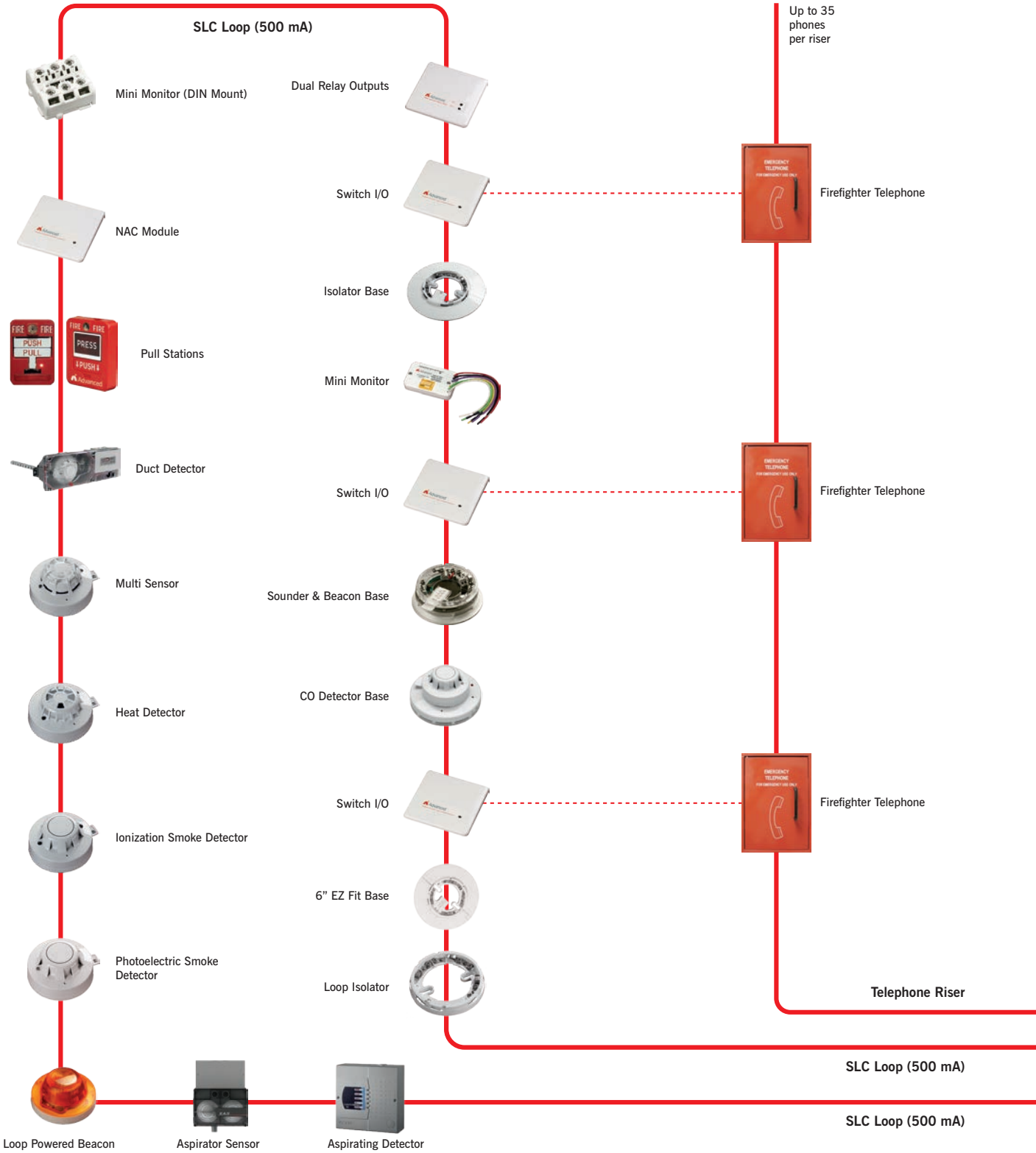
NAC/Sounder Control Module

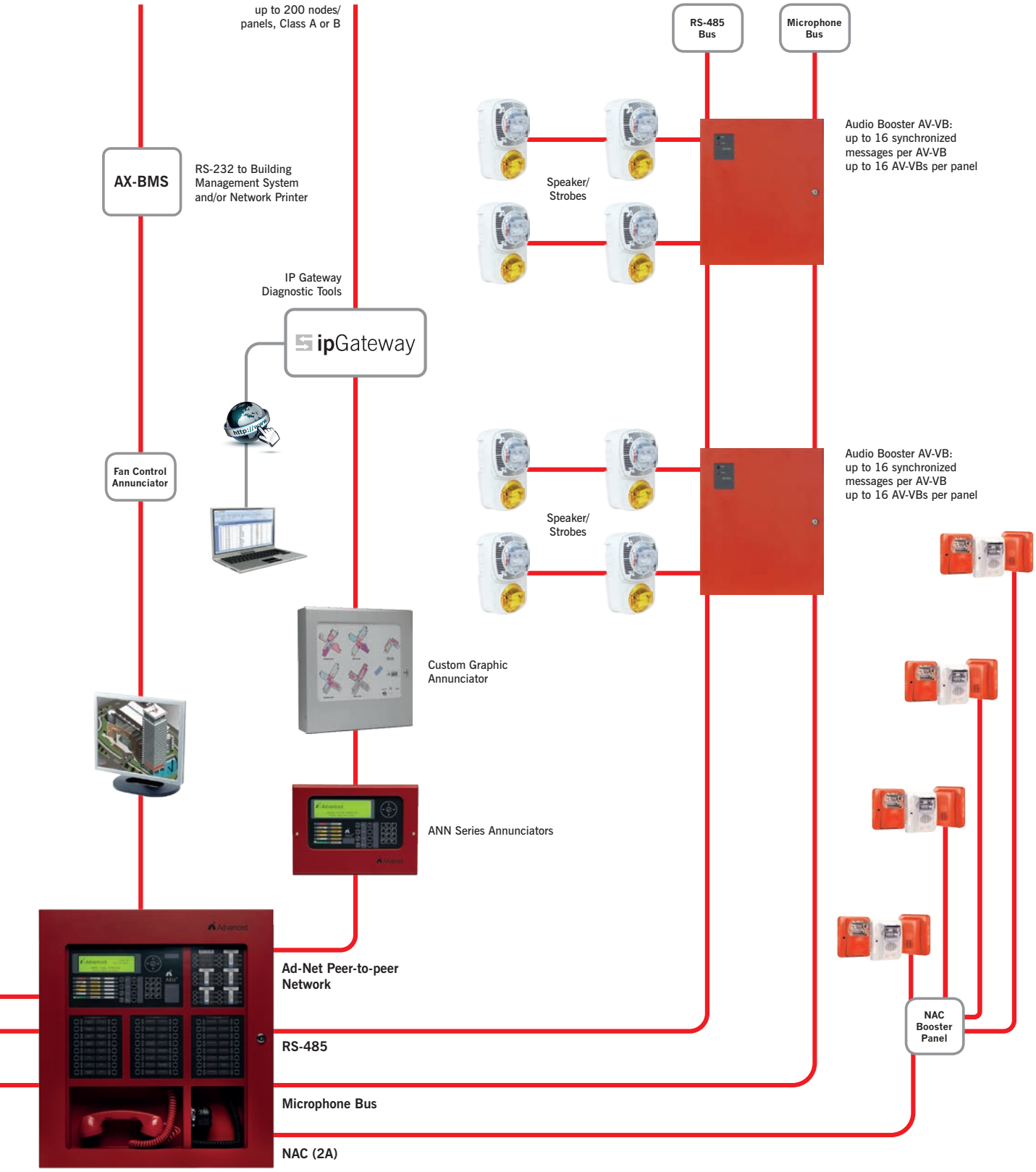
- Class A (Style Z) or Class B (Style Y) wiring
- Horn/strobe or speaker control
- Flexible programmability
- 4" Square or 2-gang electrical outlet box mounting
- Power limited
- Dedicated NAC status LED
- Voltage Regulated NACs (compatible with all listed NAC devices) - Use with regulated 24 VDC power supply
- 25/70 VRMS speaker capability

Relay Output Module

- Two isolated Form "C" relay contacts
- Single poll volt-free changeover
- Flexible device type programming
- Loop Powered Directly from SLC Loop
- 7 position addressable DIP switch
- Integral status LED
- 4" or 2-gang electrical box mounting
- Durable construction

Axis[AX] Sample System Diagram



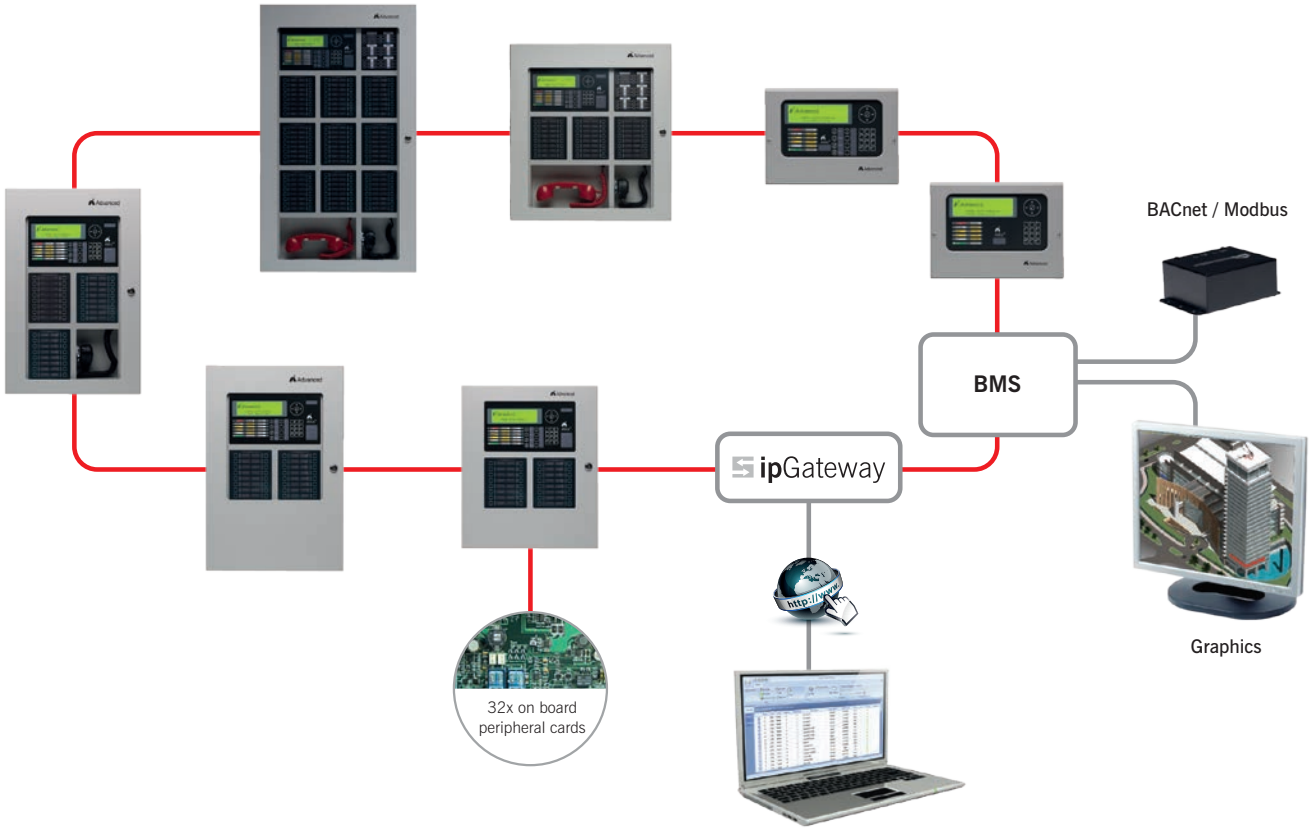

up to 200 nodes/
panels, Class A or B
RS-485
Bus
Microphone
Bus
AX-BMS
RS-232 to Building
Management System
and/or Network Printer
Speaker/
Strobes
Audio Booster AV-VB:
up to 16 synchronized
messages per AV-VB
up to 16 AV-VBs per panel
IP Gateway
Diagnostic Tools
ipGateway
Fan Control
Annunciator
Speaker/
Strobes
Audio Booster AV-VB:
up to 16 synchronized
messages per AV-VB
up to 16 AV-VBs per panel
Custom Graphic
Annunciator
ANN Series Annunciators
NAC
Booster
Panel
Ad-Net Peer-to-peer
Network
RS-485
Microphone Bus
NAC (2A)

AdNet Plus

AdNet Plus delivers fast, reliable, peer to peer communications from the smallest two panel network up to a large 200 node network.

Advanced network systems are fully scalable to suit virtually any application including "campus" style and "high rise" style configurations. Built-in diagnostics and test facilities make installation and ongoing maintenance simple. Performance in excess of multiple international standards.

- Peer to Peer performance for optimum distributed intelligence
- Consistent system performance independent of the number of nodes
- Synchronization of audio and strobes across entire 200 node network
- Fail Safe operation if loss of master Command Center
- Supports multiple true peer-to-peer Command Center operations
- Sectoring feature allows customized operations per node
- Integrated or Isolated high rise telephone network option
- Single or multiple DACT, radio and/or City Tie options
- Offline test option isolates panels from network during testing without fear of false alarms
- Class B cable wiring - 32 Nodes, 5,000ft maximum
- Class A cable wiring - 200 Nodes, 5,000ft between nodes, 66,000ft maximum
- Fiber cable - 16,404ft max between nodes
- ipGateway transmits emails and text messages via a secure internet connection while also allowing viewing of system status and controls capability remotely
- AdView Graphics provides graphical user interface in single or multiple stations
- AX-BMS interfaces to 3rd party Building Automation and Controls solutions via standard BACnet or Modbus communications
- Supports Mass Notification
- One configuration tool is required to program Axis AX panels. Diagnostic features prevent erroneous actions that may be detected prior to on site installation and test
- Each intelligent audio node contains up to 16 digital messages which are synchronized across the entire 200 node network
- Loop power technology built into each panel provides tremendous application options
- Nodes may be customized to suit any application, reducing installation costs and maximizing performance. Nodes may (or may not) include SLC loops, displays, microphones, telephones, amplifiers, power supplies, switch modules, and any AX peripheral device



Dynamix Tools

Dynamix Tools are a suite of Axis AX software based tools that are easy to operate, easy to understand and make the complicated simple.

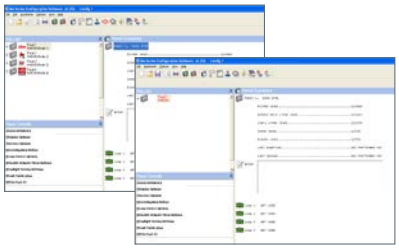
Dynamix Tools are developed with the primary goal of providing the highest levels of value to our customers and end users - before, during and after installation and commissioning.

Dynamix Tools are enhanced on a continual basis, adding new features and performance characteristics. The most recent well received enhancements included introduction of our industry unique Service Tool which provides superior support for lifetime system performance, including false alarm prevention and service records.

Dynamix Tools keep pace with fast changing and challenging advancements in PC technology.

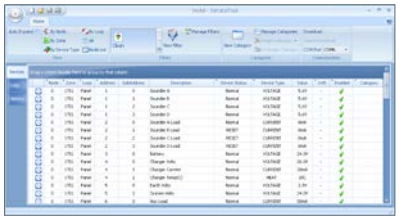
Config Tool

- Single Tool required for programming entire Axis AX range of panels
- Full configuration of single panel or network system
- Automatic design check of site configuration
- Assistants menu helps the engineer to easily configure panels
- Import, export information and print configuration reports
- All panels come with compatible built in USB and RS232 ports



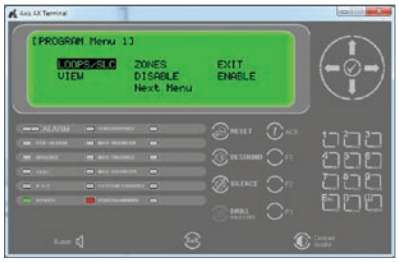
Service Tool

- Primary use is to support lifetime system maintenance and performance
- Insure annual testing of system meets national and local requirements
- Identify drift compensation levels of all detectors
- Rapidly identify which detectors have or have not been cleaned and tested
- Per SLC device, determine when installed, last activation, last tested, last enabled or disabled and date installed
- Use tool live as a network simulator to diagnose and test system performance without need to connect fire panels or trigger false alarms
- Create unique customized reports for Service Company, End User, Facility Managers and Fire Department



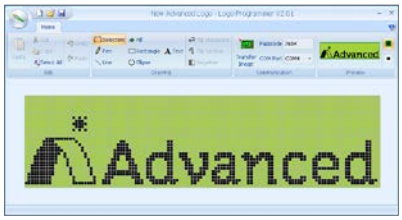
Terminal Tool

- Primary use is to operate and test panel from remote location
- Image is identical to remote panel and operates in “real time”
- Direct USB or RS232 plus remote 24 volt modem or remote IP connection options
- Real time status and control
- Allow download of history files



Logo Tool

- Allows customization of the panel’s LCD during normal operation including distributor’s name and logo, or the site’s identification
- Uploads standard bitmap images
- Tool allows creation of logos
- JPG and GIF images can be imported



AdSpecials

Custom Facility Graphic and Smoke Control Annunciators

Advanced's special engineering and manufacturing center, builds customized facility graphics and smoke control graphic annunciators per the customer's requirements. All materials used in the construction comply and meet regulatory listing requirements.

Our highly skilled teams provide consulting, design and build consultancy to our customers to develop the highest quality end product to meet the application requirements.

The AdSpecials department has a proud history of developing thousands of products installed in systems worldwide that have received the highest praise. This team "goes the extra mile" to deliver customers exactly what they need and is a great example of how Advanced distinguishes itself from other manufacturers.

Advanced360

Total Customer Support and Service

Advanced360 ensures that our customers get the very best support and service from our staff of industry experts. We take great pride in delivering swift, friendly, intelligent, "live" support from highly skilled and trained staff.

Advanced360 encompasses application and site specific review, specification conformance, material estimates that optimize best application of Advanced products, order entry review, programming support, modeling and diagnostic services, technical support before, during and after installation.

Training on our products is free of charge and is performed by seasoned veterans of the fire alarm industry. Our training facility is fully equipped, provides hands on learning and is tailored to suit the audience.

With Advanced360, arrangements can be made if on-site support is needed.

Advanced

The Standard in Fire Systems

US HQ
100 South Street, Hopkinton, Massachusetts 01748 USA
Tel: (508) 435-9995 **Fax:** (508) 435-9990

UK and EMEAA HQ
Moorland Way, Cramlington, Northumberland NE23 1WE UK
Tel: +44 (0)1670 707 111 **Fax:** +44 (0)1670 707 222

Dubai Office
Dubai Airport Free Zone, Building W3, Office 211, Dubai UAE
Tel: +971 4 299 0908 **Fax:** +971 4 299 0554

Email: sales@advancedco.com **Web:** www.advancedco.com